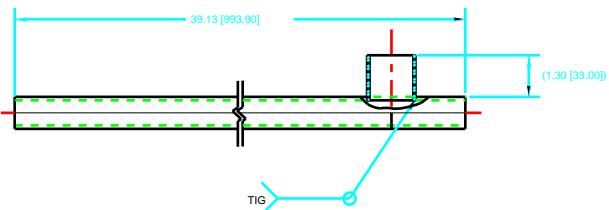
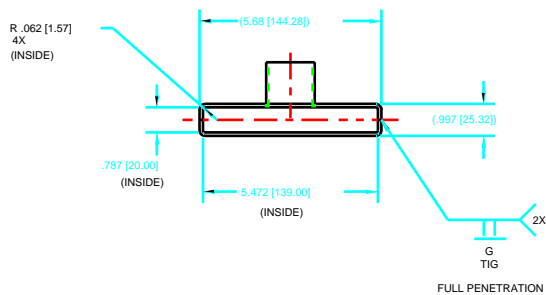
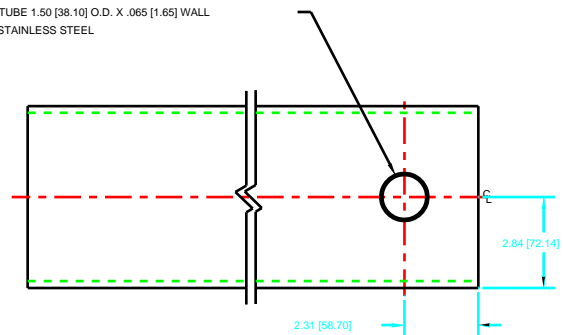


1


TUBE 1.50 [38.10] O.D. X .065 [1.65] WALL  
STAINLESS STEEL



## 1 W/L

1. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
2. THIS IS A UHV PART. ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGRASSING, WASHING AND DRY NITROGEN BLOW DOWN.
3. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [ ] ARE MILLIMETERS

[illegible]

ITEM		DWG PART NUMBER		NOMENCLATURE OR DESCRIPTION				MATERIAL / SPEC		QTY
PARTS LIST										
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCE		LOG NUMBER		THIS DRAWING IS THE PROPERTY OF						
		A18052				ARGONNE NATIONAL LABORATORY				
LINE      ANGULAR X - - - (3) 1/16"    .25 .001                    .001 SURF      .005 (3) 1/16"		DRAWN BY T.ROBINSON		DATE 9/30/93	CHIEF DESIGN ENGINEER D. SHU	DATE 10/29/93	TITLE ADVANCED PHOTON SOURCE			
SURFACE ROUGHNESS    125		CHECKED BY T. SANCHEZ		DATE 10/12/93	IN CHARGE M. KUZAY	DATE 10/29/93	K2 BM RACHET WALL CIRCUMFER RECTANGULAR CHAMBER			
REMOVE ALL BURRS AND BREAK SHARP EDGES TO MAX.		DESIGNER SANCHEZ/ROBINSON		PROJECT NAME						
SURFACE TEXTURE TO BE IN ACCORDANCE WITH B&E 1		RESPONSIBLE ENGINEER T. SANCHEZ		APPROVED/RELEASED						
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH B&E 11.4.5		MATERIAL 12 GA, (105) 304 STAINLESS STEEL		SCALE HALF		SIZE D	DRAWING NUMBER P4102020102-230301-01			
DO NOT SCALE DRAWING										

ADVANCED PHOTON SOURCE  
K2 BM RACHET WALL  
COLLIMATOR RECTANGULAR  
CHAMBER

SCALE	HALF	SIZE	DRAWING NUMBER
SHEET	1 of 1	D	P4102020102-230301-01